


[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

 Search: ☒ The ACM Digital Library ☐ The Guide



THE ACM DIGITAL LIBRARY


[Feedback](#) [Report a problem](#) [Satisfaction survey](#)

 Terms used **semantic profile routing**

 Found **11,236** of **166,357**

Sort results by


[Save results to a Binder](#)
[Try an Advanced Search](#)
[Try this search in The ACM Guide](#)

Display results


[Search Tips](#)
☐ Open results in a new window

Results 1 - 20 of 200

 Result page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [next](#)

Best 200 shown

 Relevance scale ☐ ☐ ☐ ☐ ☐

1 [Poster papers - short papers: Ontology-driven peer profiling in peer-to-peer enabled](#)


[semantic web](#)

Olena Parkhomenko, Yugyung Lee, E. K. Park

 November 2003 **Proceedings of the twelfth international conference on Information and knowledge management**

Publisher: ACM Press

 Full text available: [pdf\(240.06 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Peer-to-peer (P2P) systems and Semantic Web are two novel technologies that face a lot of shortcomings if considered as isolated paradigms. We present an approach that utilizes ontologies to set up a peer profile containing all the data, necessary for peer-to-peer interoperability. Using this profile can help eliminate some major issues persistent in current P2P networks, such as security, resource aggregation, group management. We also consider applications of peer profiling for Semantic Web bu ...

Keywords: P2P, ontology, peer profile, profiling, semantic web

2 [Improving text retrieval for the routing problem using latent semantic indexing](#)



David Hull

 August 1994 **Proceedings of the 17th annual international ACM SIGIR conference on Research and development in information retrieval**

Publisher: Springer-Verlag New York, Inc.

 Full text available: [pdf\(883.83 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#), [review](#)

3 [Paper session 3: data dissemination: Semantic multicast for content-based stream dissemination](#)



Olga Papaemmanouil, Uğur Çetintemel

 June 2004 **Proceedings of the 7th International Workshop on the Web and Databases: colocated with ACM SIGMOD/PODS 2004 WebDB '04**


Publisher: ACM Press

 Full text available: [pdf\(271.05 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#)

We consider the problem of content-based routing and dissemination of highly-distributed, fast data streams from multiple sources to multiple receivers. Our target application domain includes real-time, stream-based monitoring applications and large-

scale event dissemination. We introduce *SemCast*, a new semantic multicast approach that, unlike previous approaches, eliminates the need for content-based forwarding at interior brokers and facilitates fine-grained control over the constructio ...

4 From latent semantics to spatial hypertext—an integrated approach

 Chaomei Chen, Mary Czerwinski
May 1998 **Proceedings of the ninth ACM conference on Hypertext and hypermedia : links, objects, time and space---structure in hypermedia systems: links, objects, time and space---structure in hypermedia systems**

Publisher: ACM Press

Full text available:  [pdf\(1.32 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

5 From UML activity diagrams to Stochastic Petri nets: application to software performance engineering

 Juan Pablo López-Grao, José Merseguer, Javier Campos
January 2004 **ACM SIGSOFT Software Engineering Notes , Proceedings of the 4th international workshop on Software and performance WOSP '04**, Volume 29 Issue 1

Publisher: ACM Press

Full text available:  [pdf\(1.26 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)


Over the last decade, the relevance of performance evaluation in the early stages of the software development life-cycle has been steadily rising. We honestly believe that the integration of formal models in the software engineering process is a must, in order to enable the application of wellknown, powerful analysis techniques to software models. In previous papers the authors have stated a proposal for SPE, dealing with several UML diagram types. The proposal formalizes their semantics, and p ...

Keywords: CASE tool, Generalized Stochastic Petri nets, UML, UML Profile for schedulability performance and time specification, activity diagrams, compositionality, software performance


6 Design methodology for PicoRadio networks

J. da Silva, J. Shamberger, M. Ammer, C. Guo, S. Li, R. Shah, T. Tuan, M. Sheets, J. Rabaey, B. Nikolic, A. Sangiovanni-Vincentelli, P. Wright
March 2001 **Proceedings of the conference on Design, automation and test in Europe**


Publisher: IEEE Press

Full text available:  [pdf\(328.60 KB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#)

7 Enhanced hypertext categorization using hyperlinks

 Soumen Chakrabarti, Byron Dom, Piotr Indyk
June 1998 **ACM SIGMOD Record , Proceedings of the 1998 ACM SIGMOD international conference on Management of data SIGMOD '98**, Volume 27 Issue 2

Publisher: ACM Press

Full text available:  [pdf\(1.91 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

A major challenge in indexing unstructured hypertext databases is to automatically extract meta-data that enables structured search using topic taxonomies, circumvents keyword ambiguity, and improves the quality of search and profile-based routing and filtering. Therefore, an accurate classifier is an essential component of a hypertext database. Hyperlinks pose new problems not addressed in the extensive text classification

literature. Links clearly contain high-quality semantic clues that ...

8 InfoSleuth: agent-based semantic integration of information in open and dynamic environments



R. J. Bayardo, W. Bohrer, R. Brice, A. Cichocki, J. Fowler, A. Helal, V. Kashyap, T. Ksiezyk, G. Martin, M. Nodine, M. Rashid, M. Rusinkiewicz, R. Shea, C. Unnikrishnan, A. Unruh, D. Woelk
June 1997 **ACM SIGMOD Record , Proceedings of the 1997 ACM SIGMOD international conference on Management of data SIGMOD '97**, Volume 26 Issue 2

Publisher: ACM Press

Full text available: pdf(1.69 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

The goal of the InfoSleuth project at MCC is to exploit and synthesize new technologies into a unified system that retrieves and processes information in an ever-changing network of information sources. InfoSleuth has its roots in the Carnot project at MCC, which specialized in integrating heterogeneous information bases. However, recent emerging technologies such as internetworking and the World Wide Web have significantly expanded the types, availability, and volume of data available to a ...

9 Trust, recommendations, evidence, and other collaboration know-how (TRECK): A trust-enhanced recommender system application: Moleskiing



Paolo Avesani, Paolo Massa, Roberto Tiella
March 2005 **Proceedings of the 2005 ACM symposium on Applied computing**

Publisher: ACM Press

Full text available: pdf(155.66 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Recommender Systems (RS) suggests to users items they will like based on their past opinions. Collaborative Filtering (CF) is the most used technique to assess user similarity between users but very often the sparseness of user profiles prevents the computation. Moreover CF doesn't take into account the reliability of the other users. In this paper we present a real world application, namely moleskiing.it, in which both of these conditions are critic to deliver personalized recommendations. A bl ...

Keywords: collaborative filtering, recommendation systems, trust metrics, web applications

10 Learning routing queries in a query zone



Amit Singhal, Mandar Mitra, Chris Buckley
July 1997 **ACM SIGIR Forum , Proceedings of the 20th annual international ACM SIGIR conference on Research and development in information retrieval SIGIR '97**, Volume 31 Issue SI

Publisher: ACM Press

Full text available: pdf(1.37 MB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

11 Going wireless, enabling an adaptive and extensible environment



Theo G. Kanter
February 2003 **Mobile Networks and Applications**, Volume 8 Issue 1

Publisher: Kluwer Academic Publishers

Full text available: pdf(483.21 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper discusses limitations in existing and projected solutions for delivering applications to mobile users (e.g., in 3G) in an increasingly diverse heterogeneous wireless infrastructure in combination with the on-going deregulation of mobile communication and with an increasing number of more narrowly defined roles of parties

participating in the delivery of applications to mobile users. Furthermore, for future service growth, users need to be the center of communication via applications t ...


Keywords: agents, context, scalability, service, wireless

12 Document retrieval and text retrieval: An overview of DR-LINK and its approach to document filtering

Elizabeth D. Liddy, Woojin Paik, Edmund S. Yu, Kenneth A. McVearry

March 1993 **Proceedings of the workshop on Human Language Technology HLT '93**

Publisher: Association for Computational Linguistics

Full text available:  [pdf\(409.85 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#)

DR-LINK is an information retrieval system, complex in design and processing, with the potential for providing significant advances in retrieval results due to the range and richness of semantic representation done by the various modules in the system. By using a full continuum of linguistic-conceptual processing, DR-LINK has the capability of producing documents which precisely match users' needs. Each of DR-LINK's six processing modules add to the conceptual enhancement of the document and que ...

13 Demo session: P2P based systems: MINERVA: collaborative P2P search

Matthias Bender, Sebastian Michel, Peter Triantafillou, Gerhard Weikum, Christian Zimmer

August 2005 **Proceedings of the 31st international conference on Very large data bases VLDB '05**

Publisher: VLDB Endowment

Full text available:  [pdf\(234.73 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper proposes the live demonstration of a prototype of MINERVA, a novel P2P Web search engine. The search engine is layered on top of a DHT-based overlay network that connects an a-priori unlimited number of peers, each of which maintains a personal local database and a local search facility. Each peer posts a small amount of metadata to a physically distributed directory that is used to efficiently select promising peers from across the peer population that can best locally execute a quer ...


14 The spineless tagless G-machine, naturally



Jon Mountjoy

September 1998 **ACM SIGPLAN Notices , Proceedings of the third ACM SIGPLAN international conference on Functional programming ICFP '98**, Volume 34 Issue 1

Publisher: ACM Press

Full text available:  [pdf\(1.31 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

The application of natural semantic specifications of lazy evaluation to areas such as usage analysis, formal profiling and abstract machine construction has shown it to be a useful formalism. This paper introduces several variants and extensions of this specification. The first variant is derived from observations of the Spineless Tagless G-machine (STG), used in the Glasgow Haskell compiler. We present a modified natural semantic specification which can be formally manipulated to derive an STG- ...

15 Papers: A survey of programmable networks



Andrew T. Campbell, Herman G. De Meer, Michael E. Kounavis, Kazuho Miki, John B. Vicente, Daniel Villela

April 1999 **ACM SIGCOMM Computer Communication Review**, Volume 29 Issue 2

Publisher: ACM Press

Full text available:  [pdf\(1.58 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

In this paper we present a programmable networking model that provides a common framework for understanding the state-of-the-art in programmable networks. A number of projects are reviewed and discussed against a set of programmable network characteristics. We believe that a number of important innovations are creating a paradigm shift in networking leading to higher levels of network programmability. These innovations include the separation between transmission hardware and control software, av ...

16 Text categorization for multiple users based on semantic features from a machine-readable dictionary



Elizabeth D. Liddy, Woojin Paik, Edmund S. Yu

July 1994 **ACM Transactions on Information Systems (TOIS)**, Volume 12 Issue 3

Publisher: ACM Press

Full text available:  pdf(1.17 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

The text categorization module described here provides a front-end filtering function for the larger DR-LINK text retrieval system [Liddy and Myaeing 1993]. The model evaluates a large incoming stream of documents to determine which documents are sufficiently similar to a profile at the broad subject level to warrant more refined representation and matching. To accomplish this task, each substantive word in a text is first categorized using a feature set based on the semantic Subject Field ...

Keywords: semantic vectors, subject field coding

17 A survey of peer-to-peer content distribution technologies



Stephanos Androutsellis-Theotokis, Diomidis Spinellis

December 2004 **ACM Computing Surveys (CSUR)**, Volume 36 Issue 4

Publisher: ACM Press

Full text available:  pdf(517.77 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Distributed computer architectures labeled "peer-to-peer" are designed for the sharing of computer resources (content, storage, CPU cycles) by direct exchange, rather than requiring the intermediation or support of a centralized server or authority. Peer-to-peer architectures are characterized by their ability to adapt to failures and accommodate transient populations of nodes while maintaining acceptable connectivity and performance. Content distribution is an important peer-to-peer application ...

Keywords: Content distribution, DHT, DOLR, grid computing, p2p, peer-to-peer

18 An intelligent agent for high-precision text filtering



Adrian O'Riordan, Humphrey Sorensen

December 1995 **Proceedings of the fourth international conference on Information and knowledge management**

Publisher: ACM Press

Full text available:  pdf(636.79 KB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

19 Special section on semantic web and data management: A conceptual architecture for semantic web enabled web services



Christoph Bussler, Dieter Fensel, Alexander Maedche

December 2002 **ACM SIGMOD Record**, Volume 31 Issue 4

Publisher: ACM Press

Full text available:  pdf(672.78 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

Semantic Web Enabled Web Services (SWWS) will transform the web from a static collection of information into a distributed device of computation on the basis of Semantic technology making content within the World Wide Web machine-processable and machine-interpretable. Semantic Web Enabled Web Services will allow the automatic discovery, selection and execution of inter-organization business logic making areas like dynamic supply chain composition a reality. In this paper we introduce the vision ...


20 [Distributed search for cooperative applications](#)



Michael A. Bauer, Richard A. McBride, J. Michael Bennett

March 1993 **Proceedings of the 1993 ACM/SIGAPP symposium on Applied computing: states of the art and practice**

Publisher: ACM Press

Full text available:  pdf(753.79 KB) Additional Information: [full citation](#), [references](#), [index terms](#)

Keywords: cooperative applications, distributed computing, distributed search

Results 1 - 20 of 200

Result page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [next](#)

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2005 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)